

008180-4792660

1	Full Name Kenneth B. Stokes	Inventor's Signature <i>Kenneth B. Stokes</i>	Date 7/12/96
	Residence Anoka, MN		Citizenship United States
	Post Office Address 17581 Eideweiss Street N.W., Anoka, MN 55304		
2	Full Name Josée Morissette	Inventor's Signature <i>Josée Morissette</i>	Date 7/12/96
	Residence Blaine, MN		Citizenship Canada
	Post Office Address 1101 Paul Parkway, Apt. 306, Blaine, MN 55434		
3	Full Name	Inventor's Signature	Date
	Residence		Citizenship
	Post Office Address		
4	Full Name	Inventor's Signature	Date
	Residence		Citizenship
	Post Office Address		
5	Full Name	Inventor's Signature	Date
	Residence		Citizenship
	Post Office Address		

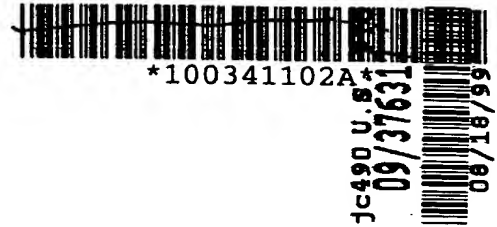


UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

13569
MARCH 22, 1997

PTAS

MEDTRONIC, INC.
MICHAEL J. JARO
7000 CENTRAL AVENUE N.E.
M.S. 301
MINNEAPOLIS, MN 55432



UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/16/1996

REEL/FRAME: 8305/0043
NUMBER OF PAGES: 6

BRIEF: CORRECTIVE ASSIGNMENT, TO CORRECT SERIAL NUMBER 08/660,786,
RECORDED AT REEL 8137, FRAME 0565.

ASSIGNOR:
STOKES, KENNETH B.

DOC DATE: 09/03/1996

ASSIGNOR:
MORISSETTE, JOSEE

DOC DATE: 08/22/1996

ASSIGNEE:
MEDTRONIC, INC.
7000 CENTRAL AVENUE NORTHEAST
M.S. 301
MINNEAPOLIS, MINNESOTA 55432

SERIAL NUMBER: 08682277
PATENT NUMBER:

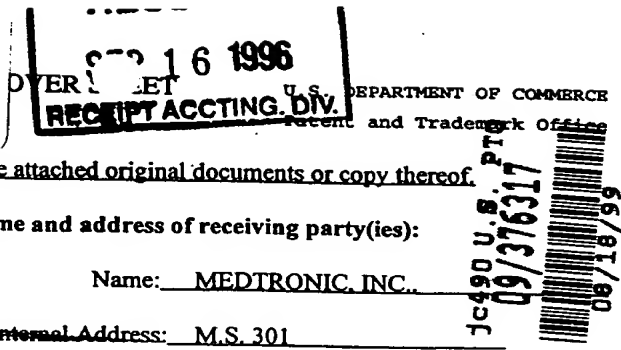
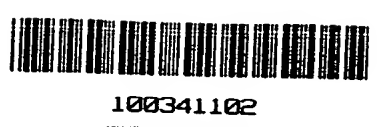
FILING DATE: 07/17/1996
ISSUE DATE:

RECEIVED

APR 02 1997

LAW DEPARTMENT
MEDTRONIC, INC.

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Kenneth B. Stokes
Josee Morissette

2. Name and address of receiving party(ies):

Name: MEDTRONIC, INC.

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

Internal Address: M.S. 301

Street Address: 7000 CENTRAL AVENUE NORTHEAST

City: MINNEAPOLIS State: MN Zip: 55432

3. Nature of conveyance:

- [X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other _____

Execution Date: August, September, 1996

Additional name(s) & address(es) attached? [] Yes [X] No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 08/660,786

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: MICHAEL J. JARO

Address: MEDTRONIC, INC.
7000 Central Avenue N.E.
M.S. 301
Minneapolis, Minnesota 55432

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- [] Enclosed
[X] Authorized to be charged to deposit account

8. Deposit Account Number: 13-2546
(Attach duplicate copy of this page)

WT04003 09/18/96 08660786 DO NOT USE THIS SPACE 13-2546 040 581 40.00CH

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

MICHAEL J. JARO
Name of Person Signing

Michael Jaro
Signature

9/14/96
Date

Total number of pages including cover sheet, attachments and document: _____

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of information systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), 1 Washington, D.C. 20503.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Kenneth B. Stokes, et al

Serial No.: 08/682,277

Filed: July 17, 1996

Docket No.: P-3569

Title: SYSTEM AND METHOD FOR GENETICALLY TREATING CARDIAC
CONDUCTION DISTURBANCES

**REQUEST FOR CORRECTION ON NOTICE OF
RECORDATION OF ASSIGNMENT DOCUMENT**

Maya Bennett, Examiner
U.S. Patent and Trademark Office
Assignment Division, Box Assignments
North Tower Building, Suite 10C35
Washington, D.C. 20231

Via Overnight Courier

Dear Sir/Madam:

In response to the Notice of Recordation mailed November 27, 1996, applicants transmit herewith a copy of the incorrect Notice of Recordation of Assignment Document. Applicants direct the Examiner's attention to the Serial Number and Filing Date, both of which have been incorrectly recorded. The correct number and date is as follows:


Serial Number: 08/682,277

Filing Date: July 17, 1996

The examiner is encouraged to call the undersigned at (612) 574-3279 to discuss any matters pertaining to the above application.

Respectfully submitted,
KENNETH STOKES ET AL.
By one of their attorneys,

8 Jan, 97
Date


Michael J. Jaro
Registration No. 34,472
MEDTRONIC, INC.
7000 Central Avenue Northeast
Minneapolis, Minnesota 55432
Telephone: (612) 574-3279

ASSIGNMENT

WHEREAS, WE, Kenneth B. Stokes and Josee Morissette are the inventors of SYSTEM AND METHOD FOR GENETICALLY TREATING CARDIAC CONDUCTION DISTURBANCES for which we have executed an application for filing in the United States Patent and Trademark Office preparatory to obtaining Letters Patent of the United States on July 17, 1996; therefor; and

WHEREAS, MEDTRONIC, INC. a corporation organized and existing under the laws of the State of Minnesota and having a principal place of business at 7000 Central Avenue N.E., Minneapolis, Minnesota 55432 hereinafter referred to as "Corporation," is desirous of acquiring the entire right, title and interest in and to said invention for the United States and for all foreign countries and in and to any and all foreign and domestic Letters Patent which may be granted therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Corporation, its successors and assigns, the entire right, title and interest in and to said invention and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor including my rights under the International Convention for the Protection of Industrial Property, and in and to any and all extensions, divisions or reissues of said Letters Patent that may be granted, the same to be held and enjoyed by Corporation for its own use and behoof and use and behoof of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made;

AND, for the consideration aforesaid, I materially represent to Corporation, its successors and assigns, that at the time of the execution and delivery of these presents, I am the sole lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above mentioned, and that the same are unencumbered, and that I have good right and lawful authority to sell and convey the same in the manner herein set forth;

AND, for the consideration aforesaid, I hereby individually covenant and agree to and with Corporation, its successors and assigns, that whenever its counsel or the counsel of its successors or assigns, learned in the law, shall advise that an amendment or division of, or any continuation-in-part thereof, or any other proceeding in connection with the filing or prosecution of said domestic or foreign patent applications, including interference proceedings, is lawful and desirable, or that a reissue of extension of said Letters Patent is lawful and desirable, I, or my executors, administrators or assigns will sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue or extension of the same, without charge to Corporation, its successors or assigns, but at Corporation's expense.

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 3 day of September 1996.


Kenneth B. Stokes

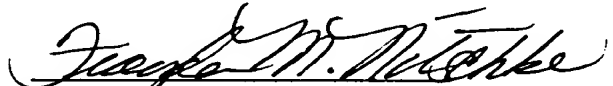
STATE OF Minnesota

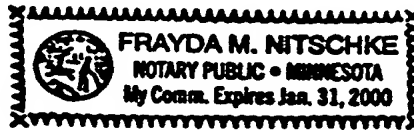
ss.

COUNTY OF Anoka

On this 3 day of September, 1996, before me personally appeared Kenneth B. Stokes, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

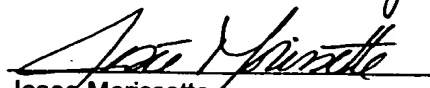
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.


Notary Public



I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 22 day of August, 1996.


Josee Morissette

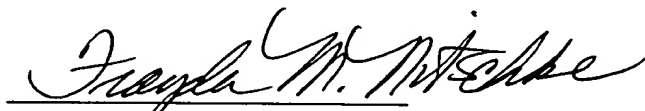
STATE OF Minnesota

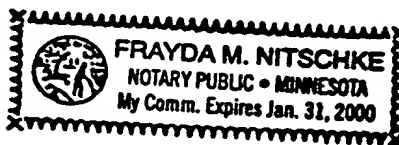
ss.

COUNTY OF Anoka

On this 22 day of August, 1996, before me personally appeared Josee Morissette, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as her free act and deed.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.


Notary Public





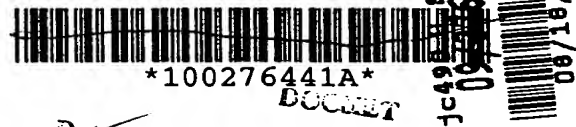
UNITED STATES DEPARTMENT OF COMMERCE
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ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

NOVEMBER 27, 1996

PTAS

MEDTRONIC, INC.
MICHAEL J. JARO
7000 CENTRAL AVENUE N.E.
M.S. 301
MINNEAPOLIS, MN 55432



Date 09-11-1997 Action Response Due Atty MO

UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 09/16/1996

REEL/FRAME: 8137/0565
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
STOKES, KENNETH B.

DOC DATE: 09/03/1996

ASSIGNOR:
MORISSETTE, JOSEE

DOC DATE: 08/22/1996

ASSIGNEE:
MEDTRONIC INC.
M.S. 301
7000 CENTRAL AVENUE NORTHEAST
MINNEAPOLIS, MINNESOTA 55432

SERIAL NUMBER: 08660786 P431900 -
PATENT NUMBER:

FILING DATE: 06/06/1996
ISSUE DATE:

MAYA BENNETT, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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DEC 05 1996

LAW DEPARTMENT
MEDTRONIC, INC.